

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2005/000018

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A01N63/02 A01N37/06 A01N37/02
//(A01N37/06,37:06)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	K.W. WILL ET AL.: "New defensive chemical data for ground beetles (Coleoptera: Carabidae): interpretations in a phylogenetic framework" BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY, vol. 71, 2000, pages 459-481, XP002321872 abstract page 461, paragraph 4	1,2
A	table 1 page 477, paragraph 4	3-7
X	P.D. SCOTT ET AL.: "Pygidial defensive secretions of some carabid beetles" INSECT BIOCHEM., vol. 5, 1975, pages 805-811, XP002321873 page 805, last paragraph	1,2
A	page 810, lines 15-18 page 810, last paragraph ----- -/-	3-7

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

21 March 2005

Date of mailing of the international search report

06/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Marie, G

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	J. MAIR & G.R. PORT: "Predation on the slug <i>Deroceras reticulatum</i> by the carabid beetles <i>Pterostichus madidus</i> and <i>Nebria brevicollis</i> in the presence of alternative prey" AGRICULTURAL AND FOREST TECHNOLOGY, vol. 3, 2001, pages 169-174, XP002321874 abstract	1-7
A	K. AYRE: "Effect of predator size and temperature on the predation of <i>Deroceras reticulatum</i> (Muller) (Mollusca) by carabid beetles" J. APPL. ENT., vol. 125, 2001, pages 389-395, XP002321875 abstract	1-7

AMENDED CLAIMS

[received by the International Bureau on 03 June 2005 (03.06.05);
original claims 1-2, 7 amended; new claims 8-10 added; remaining claims unchanged (1 page)]

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original claims 1-2, 7 amended; new claims 8-10 added; remaining claims unchanged (1 page)]

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Claims (new set of claims)

1. A method of repelling or deterring slugs using naturally occurring secretions from ground beetles.
2. A method of repelling or deterring slugs on vining peas as claimed in claim 1 using beetle secretions.
3. The use of a composition comprising methacrylic acid and water as a slug repellent.
4. The use of a composition comprising methacrylic acid, tiglic acid and water as a slug repellent.
5. The use of a composition comprising methacrylic acid, crotonic acid and water as a slug repellent.
6. The use of a composition comprising formic acid and water as a slug repellent.
7. The use of a composition comprising acetic acid, crotonic acid and water as a slug repellent.
8. The use of a composition comprising acetic acid and water as a slug repellent.
9. The use of a composition comprising tiglic acid and water as a slug repellent.
10. The use of a composition as claimed in claims 3 - 9 to deter slugs in vining peas.